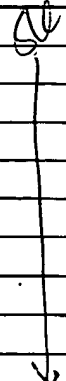


| | | | | | |
|--|---|----|---|--------------------------|---------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/509,277 |
| | | | | Filing Date | September 27, 2004 |
| | | | | First Named Inventor | W.K. Hagmann et al. |
| | | | | Group Art Unit | 1621 |
| | | | | Examiner Name | S. Kumar |
| Sheet | 1 | of | 4 | Attorney Docket Number | 21071YP |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|----------------------|-------------------------|---|---|
| Examiner Initials* | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Number | Kind Code (if known) | | |
| S | | 5624941 | | Barth et al. | 04/29/1997 |
| | | 6028084 | | Barth et al. | 02/22/2000 |
| | | 5013837 | | Ward et al. | 05/07/1991 |
| | | 4973587 | | Ward et al. | 11/27/1990 |
| | | 5081122 | | Ward | 01/14/1992 |
| | | 5112820 | | Ward | 05/12/1992 |
| | | 5292736 | | Kumar et al. | 03/08/1994 |
| | | 6344474 | | Maruani et al. | 02/05/2002 |
| | | USSN 60/515,705 | | Shah et al. | |
| | | USSN 60/504,377 | | Armstrong et al. | |
| | | USSN 10/507,864 | | Hagmann et al. | |
| | | US2004-0058820 | | Hagmann et al. | 03/25/2004 |
| | | USSN 60/483,679 | | Burns et al. | |
| | | 5658943 | | Berryman et al. | 08/19/1997 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|---|----------|-------------------------|--------------|-------------------------|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Office | Number | Kind Code (if known) | | |
|  | | | EP 658546 | | Sanofi-Synthelabo | 05/23/2001 |
| | | | WO 98/31227 | | SmithKline Beecham Corporation | 07/23/1998 |
| | | | WO 98/41519 | | SmithKline Beecham Corporation | 09/24/1998 |
| | | | WO 98/37061 | | Bayer Aktiengesellschaft | 08/27/1998 |
| | | | WO 00/10967 | | Bayer Aktiengesellschaft | 03/02/2000 |
| | | | WO 00/10968 | | Bayer Aktiengesellschaft | 03/02/2000 |
| | | | WO 97/29079 | | Japan Tobacco Inc. | 08/14/1997 |
| | | | WO 02/076945 | | Ortho-MacNeil Pharmaceutical, Inc. | 10/03/2002 |
| | | | WO 03/077847 | | Merck & Co., Inc. | 09/25/2003 |
| | | | WO 03/086288 | | Merck & Co., Inc. | 10/23/2003 |

| | | | |
|--------------------|----------|-----------------|---------|
| Examiner Signature | S. Kumar | Date Considered | 9/13/04 |
|--------------------|----------|-----------------|---------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Computer generated form "IDS Form" (IDS Folder), Merck & Co., Inc., 09/05/2003

(use as many sheets as necessary)

COMPLETE IF KNOWN

| | |
|-----------------------------|---------------------|
| Application Number | 10/509,277 |
| Filing Date | September 27, 2004 |
| First Named Inventor | W.K. Hagmann et al. |
| Group Art Unit | 1621 |
| Examiner Name | S. Ku |

Sheet 2 of 4

Attorney Docket Number 21071YP

[illegible]

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----------|-------------------------|--------------|-------------------------|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Office | Number | Kind Code (if known) | | |
| 80 | | | WO 03/082256 | | Sanofi-Synthelabo | 10/09/2003 |
| | | | WO 01/58450 | | Sanofi-Synthelabo | 08/16/2001 |
| | | | WO 01/85092 | | Sanofi-Synthelabo | 11/15/2001 |
| | | | EP 1328269 | | Aventis Pharma S.A. | 05/26/2004 |
| | | | WO 04/040040 | | UHDE GMBH | 05/13/2004 |
| | | | FR 1358M | | L'Equilibre Biologique | 06/18/2002 |
| | | | WO 00/25774 | | Merck & Co., Inc. | 05/01/2000 |
| | | | GB 1172346 | | Parke, Davis & Company | 11/26/1969 |
| | | | GB 899556 | | Farbwerke Hoeschst Aktiengesellschaft | 06/27/1962 |
| 80 | | | WO 97/27852 | | Merck & Co., Inc. | 08/07/1997 |

**Examiner
Signature**

S. Kumar

Date Considered

9 | 13 | 05

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Computer generated form "IDS Form" (IDS Folder), Merck & Co., Inc., 09/05/2003

(use as many sheets as necessary)

Sheet

3

of

4

COMPLETE IF KNOWN**Application Number**

10/507,864

Filing Date

September 16, 2004

First Named Inventor

W.K. Hagmann et al.

Group Art Unit

162

Examiner Name

S. Kumar

Attorney Docket Number

21071 YP

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

S. Kumar

Date Considered

$$9 \mid 13 \mid 0.5$$

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Computer generated form "IDS Form" (IDS Folder), Merck & Co., Inc., 09/05/2003

| | | | | | |
|---|---|----|---|--------------------------|---------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | COMPLETE IF KNOWN | |
| | | | | Application Number | 10/509,277 |
| | | | | Filing Date | September 27, 2004 |
| | | | | First Named Inventor | W.K. Hagmann et al. |
| | | | | Group Art Unit | 1621 |
| | | | | Examiner Name | S. Kumar |
| Sheet | 4 | of | 4 | Attorney Docket Number | 21071YP |

| NON PATENT LITERATURE DOCUMENTS | | |
|---------------------------------|----------|--|
| Examiner Initials* | Cite No. | Include name of the author, title, date, page(s), volume-issue number(s) and place of publication. |
| SA | AA | Barth, Exp. Opin. Ther. Patents, Vol. 8 (1998), pp. 301-313, "Cannabinoid receptor agonists and antagonists" |
| | AB | Xiang et al., Ann. Rep. Med. Chem., A. Doherty, ed., Academic Press, NY (1999), Vol. 34, pp. 199-208, "Chap. 20. Pharmacology of cannabinoid receptor agonists and antagonists" |
| | AC | Goya et al., Exp. Opin. Ther. Patents, Vol. 10 (2000), pp. 1529-1538, "Recent advances in cannabinoid receptor agonists and antagonists" |
| | AD | Piomelli et al., Trends in Pharm. Sci., Vol. 21 (2000), pp. 218-224, "The endocannabinoid system as a target for therapeutic drugs" |
| | AE | Lack et al., J. Pharmacol. Expt'l. Therap., Vol. 139 (1963), pp. 248-258, "The intestinal action of benzmalecene: The Relationship of its hypocholesterolemic effect to active transport of bile salts and other substances" |
| | AF | Julian et al., Eur. J. Org. Chem. (2000), pp. 1319-1325, "Asymmetric synthesis of 2,4-disubstituted tetrahydroquinolines" |
| ✓ | AG | Lette et al., Ann., Vol. 603 (1957), pp. 189-99, "Uber benzhydrylalkylamine. Ein beitrag zur analyse der mitosehemmenden wirkung des colchicins" |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | | | |
|--------------------|----------|-----------------|---------|
| Examiner Signature | S. Kumar | Date Considered | 9/13/05 |
|--------------------|----------|-----------------|---------|